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1859-1951

FISH & RICHARDSON P.C.

September 3, 2003

Attorney Docket No.: 15834-008002 / 2001-IP-004988

Commissioner for Patents
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Presented for filing is a preliminary amendment for:

Applicant: Ronald L. Spross

Title: METHODS FOR DETERMINING CHARACTERISTICS
OF EARTH FORMATIONS

Serial No.: 10/628,152

Filed: July 28, 2003



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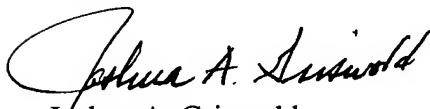
Enclosed are the following papers:

- Preliminary amendment, 12 pages.
- Acknowledgment Postcard.

Total claims in excess of 20 (34 minus 20 = 14 times \$18)	\$252
Independent claims in excess of 3 (5 minus 3 = 2 times \$84)	\$168
Fee for multiple dependent claims	\$0
Total filing fee:	\$420

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above. Please acknowledge receipt of this preliminary amendment by returning the enclosed postcard.

Respectfully submitted,


Joshua A. Griswold
Reg. No. 46,310
Enclosures
JAG/plb

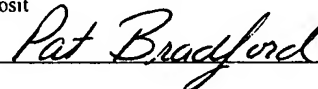
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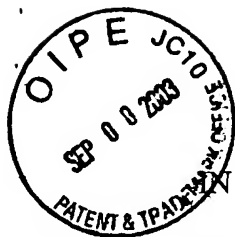
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Attorney's Docket No.: 15834-008002 / 2001-IP-004988

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ronald L. Spross

Art Unit : Unknown

Serial No. : 10/628,152

Examiner : Unknown

Filed : July 28, 2003

Title : METHODS FOR DETERMINING CHARACTERISTICS OF EARTH FORMATIONS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as indicated on the following pages.

03/10/2003 SDIRETAI 00000034 10628152

01 FC:1202
02 FC:1201

252.00 DP
168.00 DP

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